

Upper Puna Connectivity

Creating points of connectivity between subdivisions from Volcano to Highway 130 through the subdivisions makai of highway 11. Using staggered connectivity locations as recommended by the PCDP

Ad-Hoc Committee on Connectivity Goals

Puna Community Development Plan, taken from Section 4.3.3

- Establish emergency routes, using mostly existing road beds;
- Create Connectivity Alignments between the following subdivisions: Orchidland, Hawaiian Acres, Fern Acres, Kopua Farm Lots, Eden Roc and Fern Forest...These inter-subdivision roads should be staggered, low-impact, and multi-modal.

The Committee was charged with the task of investigating and identifying possible points of connectivity between the Upper Puna subdivisions in order to establish an alternative route from the Volcano area, through the subdivisions, connecting to Highway 130. Additionally to identify possible connector roads from the subdivisions to Highway 11.

Connectivity Locations – Not a Corridor

We are not proposing a road, we are recommending points of connectivity between the subdivisions.

The creation of these Connectivity Locations (CLs) will require legal agreements with the County and the Community Associations of the subdivisions. In some cases, the purchase of necessary lots or easements, and the actual creation of short connecting roads.

2013 Puna Regional Emergency Preparedness Fair



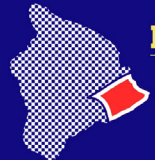
PUNA REGIONAL EMERGENCY PREPAREDNESS FAIR

Over 45 Presentations, Exhibits, and Contests featuring:

- EMERGENCY ROUTES
- CENTERS & SHELTERS
- PLANNING & TRAINING
- COMMUNICATIONS
- SECURITY AND SUSTAINABILITY

Lucky Number Drawings every half hour for 250 Emergency Preparedness Bags Filled with goodies by our Local Businesses And Other Prizes

- Emergency Evacuation Mapping "Make and Take"
- Children's Activity Section + Keiki ID
- Career Explorations – Grades 9-12



Keaau High School

Saturday, August 31st
9:00 a.m. - 3:00 p.m.

Begins at 9:00 a.m. with Welcome and Entertainment by Puna Hongwanji Taiko Drummers and Keaau High School Band

An event supported by the
Puna Community Development Plan, Subcommittee on Connectivity & Emergency Response
Hawaii County Civil Defense Agency, The Puna Community and Other Local Communities

PUNA REGIONAL EMERGENCY PREPAREDNESS FAIR



Saturday, August 30th
Keaau High School
9:00 a.m. - 3:00 p.m.

Begins at 9:00 a.m. with Welcome and Entertainment by Keaau High School Band
11:00 am Puna Hongwanji Taiko Drummers

Lucky Number Drawings (18 years and older) beginning at 10 a.m. Numbers given for participating in all workshops, exhibits and demonstrations. Winners announced outside Cafetorium and at special exhibits. Must be present to win.

Family Emergency Planning- Cafetorium | Mapping Activities - Cafetorium
Career Explorations – Grades 9-12 - Pick up card outside entrance to Covered Court
Children's Activities - Covered Court

AN EVENT SUPPORTED BY THE
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Hawaii County Civil Defense Agency, The Puna Community and Other Local Communities

2014 Puna Regional Emergency Preparedness Fair

The Process:



Mapping Exercises at Two PREP Fairs



Community Input

- The 2013 & 2014 Puna Regional Emergency Preparedness (PREP) Fairs included mapping exercises where hundreds of Puna residents gave their input regarding connectivity needs in their neighborhoods.
- Prioritization according to criteria set out in the PCDP and the Hawaii County Department of Public Works.
- Field trip to investigate the roads and points of connectivity: participants included personnel from Department of Public Works, State DOT, Council Representatives and staff, Ad-Hoc Committee members.

Criteria for Points of Connectivity

County of Hawaii, Ben Ishii

1. Prefer to connect to a County Road at least on one end
2. Prefer that the road be open to traffic 24/7 and not just for emergencies
3. Construct roads that meet AASHTO (American Association of State
4. Highway and Transportation Officials) guidelines.
5. Prefer to do a project where there is no community opposition
6. Prefer to do a road that will improve traffic circulation
7. Prefer to do a road where there are no major drainage issues.

Criteria for Points of Connectivity

Puna Community Development Plan Connectivity Priorities

1. **Health, Safety, and Emergency Issues:** Emphasize emergency routes and other issues related to health and safety, including evacuation for all residents, with appropriate provisions made for those with disabilities (in accordance with the Americans with Disabilities Act).
2. **Education, Technical, and Social Issues:** Emphasize connectivity related to local educational and applied technological issues, as well as to social interactions that enhance personal safety, consider the appropriateness of creating linear parks connecting subdivisions and inter-subdivision gathering places (in accordance with the Americans with Disabilities Act).
3. **Transportation, Non-Vehicular:** Consider pedestrian, cycling, equestrian, and other non- vehicular transport.
4. **Transportation, Mass Transit:** Address essential mass transit services
5. **Land Use, Environment:** Protect cultural, natural, and other environmental values, including preserving open spaces for a variety of purposes identified in the PCDP.
6. **Land Use, Low or No Impact Design:** Use no impact or minimum impact design and construction.
7. **Safe Routes to Schools:** Include safe routes to schools in all considerations related to connectivity
8. **Community Alliances:** Provide examples of how communities are creating alliances related to connectivity

4/30/2014

MAPPING DATA CONNECTIVITY LOCATION PRIORITY LIST

Puna Uka

[illegible]

Upper Puna CL Map



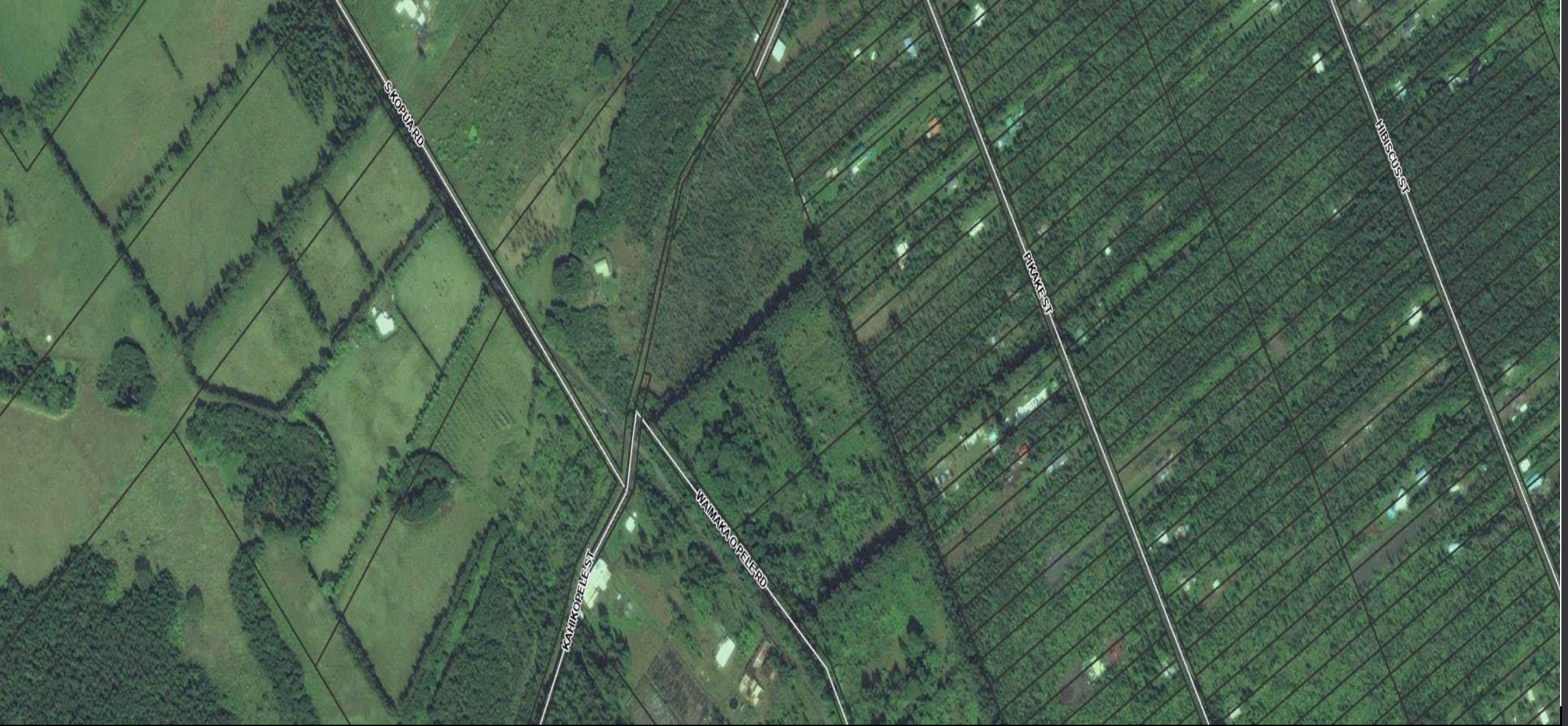
Connecting Fern Forest to Eden Roc Kaleponi to Punahele





Connecting Kopua Farm Lots to Fern Acres – Kahikopele to Puhala





CL #14 shows the property line easement between Wamaka O Pele and Puhala in Fern Acres

Connecting Fern Acres to Hawaiian Acres – Orchid to 1 Road (Uhini Ana)





CL #4 shows end of Orchid St. in Fern Acres at Plumeria St. Fern Acres road lot is forest land abutting the undeveloped lot in Hawaiian Acres.

Connecting Hawaiian Acres to Orchidland on Pohaku





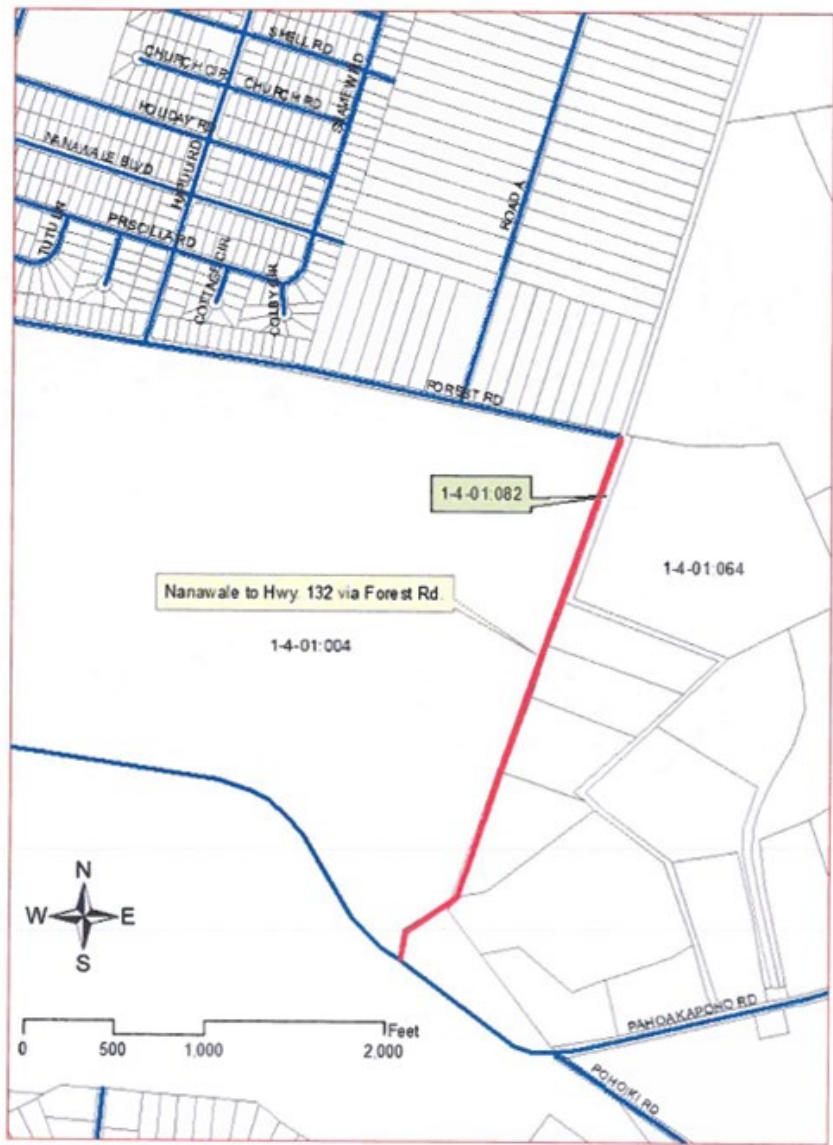
CL #5 shows 11 Road (Pulelehua) connecting to Pohaku Road in Orchidland across an undeveloped lot in Hawaiian Acres.

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Nanawale Emergency Evacuation Route



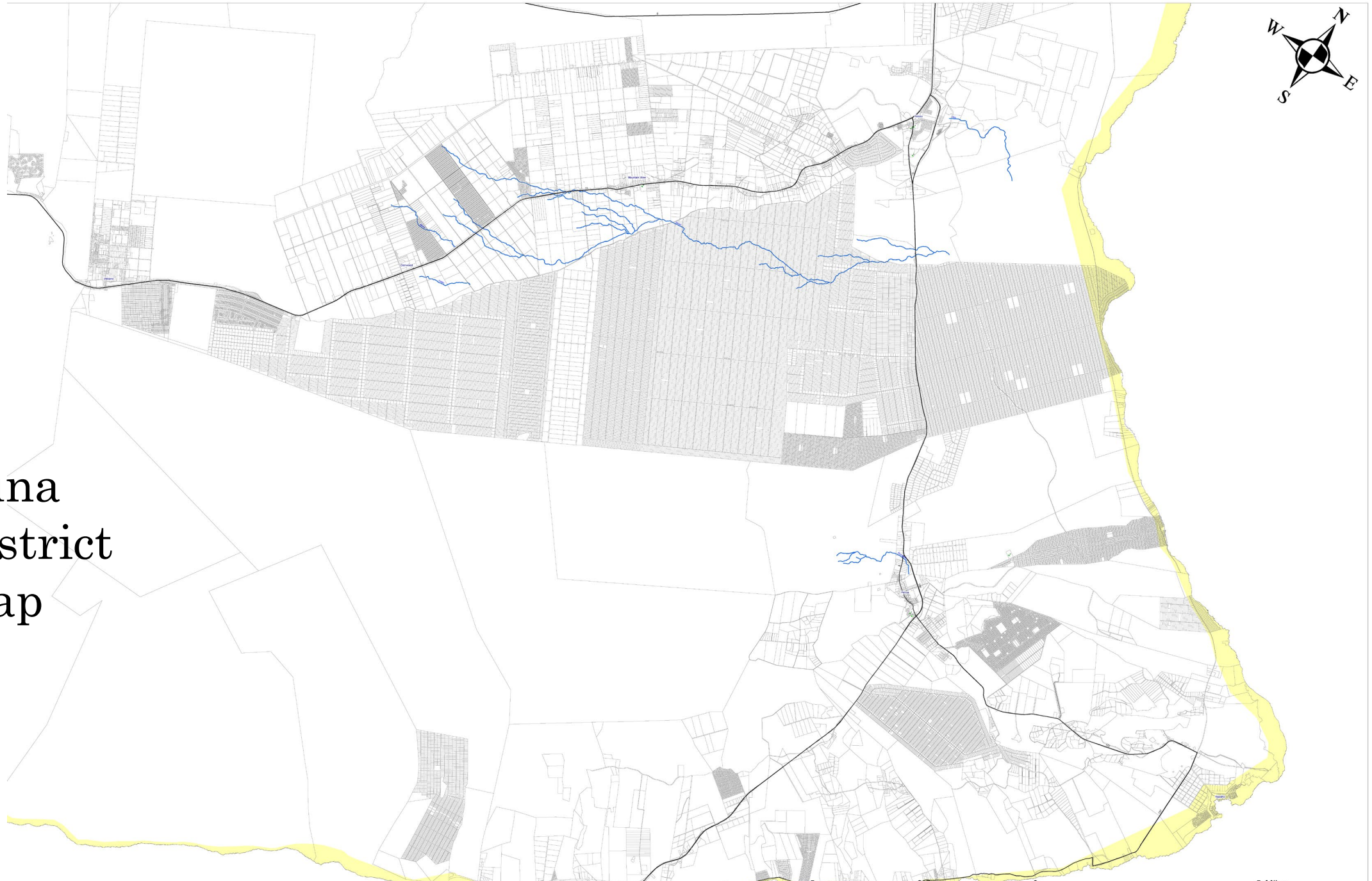
Puna Kai #2: Nanawale to Hwy. 132 via Forest Rd.



Proposed Nanawale Bus Route Extension



Puna District Map





PAU